

Serial No. 10/627,093
Docket No. AO694

Examiner: N.R. Kramer
Art Unit: 3762

IN THE CLAIMS

Claims 1-14 (Canceled).

15. (Currently amended) A method of generating an out of zone alert when a sampled heartrate value does not satisfy an effective condition, wherein the generation of the out of zone alert is performed by an indicator, and the sampled heartrate value is determined in a heartrate monitoring system, the method comprising the steps of:

~~determining whether the sampled heartrate fails to satisfy the effective condition for more than a predetermined continuous period of time, and~~

~~if so:~~

generating the out of zone alert when a sampled heart rate value does not satisfy the effective condition;

continuously generating the out of zone alert as long as (i) the sampled heart rate value fails to satisfy the effective condition and (ii) a predetermined continuous period of time has not expired; and

upon determining that the continuous period of time has expired, suppressing further generation of the out of zone alert even if a next successive sampled heartrate value fails to satisfy the effective condition, and continually suppressing further generation of the out of zone alert for successive sampled heartrate values that fail to satisfy the effective condition until a sampled heartrate value satisfies the effective condition, and when the sampled heartrate value does satisfy the effective condition, indicating that the sampled heartrate value has satisfied the effective condition;

~~if not:~~

~~generating the out of zone alert.~~

Claims 16-17: (Canceled)

{W1403661;4}

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18. (Previously Presented) The method as claimed in claim 15, including the step of generating an out of zone indication if a successive sampled heartrate value fails to satisfy the effective condition.
19. (Previously Presented) The method as claimed in claim 15, wherein the condition is that the sampled heartrate value is within a Target Zone.
20. (Previously Presented) The method as claimed in claim 15, wherein the condition is that the sampled heartrate value is above a threshold minimum value.
21. (Previously Presented) The method as claimed in claim 15, wherein the condition is that the sampled heartrate value is below a threshold maximum value.
22. (New) A method of generating an out of zone alert when a sampled biomedical value does not satisfy an effective condition, wherein the generation of the out of zone alert is performed by an indicator, and the sampled biomedical value is determined in a biomedical value monitoring system, the method comprising the steps of:
- generating the out of zone alert when a sampled biomedical value does not satisfy the effective condition;
 - continuously generating the out of zone alert as long as (i) the sampled biomedical value fails to satisfy the effective condition and (ii) a predetermined continuous period of time has not expired; and
 - upon determining that the continuous period of time has expired, suppressing further generation of the out of zone alert even if a next successive sampled biomedical value fails to satisfy the effective condition, and continually suppressing further generation of the out of zone alert for successive sampled biomedical values that fail to satisfy the effective condition until a sampled biomedical value satisfies the effective condition, and when the sampled biomedical value does satisfy the effective condition, indicating that the sampled biomedical value has satisfied the effective condition.

(W1403661;4)